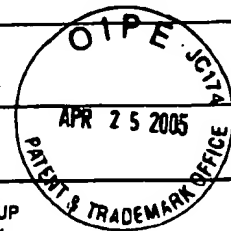


## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
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Date Submitted to PTO: April 25, 2005

ATTY DOCKET NO.  
2000\_1326SERIAL NO.  
09/669,916APPLICANT  
Mitsuaki OSHIMA et al.FILING DATE  
September 25, 2000GROUP  
2634

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	AA	3,959,726	5-25-76	Hinoshita et al.	—	—	—
	AB	4,535,352	8-85	Haskell	—	—	—
	AC	4,564,858	1-14-86	Resch	—	—	—
	AD	4,769,819	9-6-88	Matsutani et al.	—	—	—
	AE	4,817,192	3-28-89	Phillips et al.	—	—	—
	AF	5,029,003	7-91	Jonnalagadda	—	—	—
	AG	5,134,464	7-28-92	Basile et al.	—	—	—
	AH	5,400,084	3-21-95	Scarpa	—	—	—
DH	AI	4,800,426	1-24-89	Glenn	—	—	—

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DH	AJ	3-48587	3-1-91	Japan	—	—	abstract
	AK						
	AL						
	AM						
	AN						


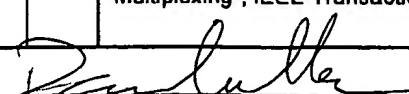
## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

DH	AO	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991
DH	AP	Ryutaro OHMOTO et al., " $\pi/4$ -shift QPSK Subcarrier Transmission", 1991
	AQ	

EXAMINER

DATE CONSIDERED

06/30/05

Sheet 2 of 2		INFORMATION DISCLOSURE STATEMENT					
FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i>  Date Submitted to PTO: April 25, 2005			ATTY DOCKET NO. 2000_1326		SERIAL NO. 09/669,916		
			APPLICANT Mitsuaki OSHIMA et al.				
			FILING DATE September 25, 2000		GROUP 2634		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	AA	5,561,468	10-1-96	Bryan et al.	—	—	—
	AB	5,181,112	1-19-93	Citta et al.	—	—	—
	AC	5,377,051	12-27-94	Lane et al.	—	—	—
	AD	5,576,902	11-19-96	Lane et al.	—	—	—
	AE	5,218,622	6-8-93	Fazel et al.	—	—	—
	AF	5,598,220	1-97	Citta et al.	—	—	—
DH	AG	5,007,088	4-9-91	Ooi et al.	—	—	—
	AH						
	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						
	AM						
	AN						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
DH	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14					
DH	AP	B. Hirosaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989					
DH	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex					
EXAMINER 				DATE CONSIDERED 06/30/05			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop, this form with next communication to applicant.